

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

AEF / DTP / SP / 42 / 23-24

Bill Type::1st & Final Bill

Date.....2023

Zone:BBMP,Yelahanka

Division:BBMP, Byatarayanapura

Sub-Division: Byatarayanapura

Bill Received No.

Dated

Divisional

Cash Book Voucher No.....Dated.....

Sub-Divisional

Job Code: 006-23-000011

Schedule Docket No.

Head of Account: P3726, POW work

Est.Cost: Rs.80.00 Lakhs

INDENT NO.: 27.03.2023

Name of Work : Improvements to roads and drains at Agrahara And Agrahara Layout, kattigenahalli in ward No.06 Byatarayanapura Sub Division

Name of Contractor and Full Address: Sri. Vasanth R, Contractor, No. 28, Angadi Thimmaiah layout, RMV 2nd Stage, Nagasetthalli, Bangalore-94

Reference to Agreement No. BBMP/EE/BTP/WO/195/2022-23

Date: 27.03.2023

Certified that the measurements were taken by me on: 2019/12 and recorded of Pages 352988-352994 of measurement Book No. 35201647 and that work is satisfactorily executed.

Contractor

Certified that measurement were taken by me on 20/09/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Divisional Officer

1) Total value of work done or supplies made as per account within

2) Deduct amount to be held in reserve being.....Percent Rs.....

3) " Balance

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher

No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated less adjustments.

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

Total Amount Adjusted -

TTB	7072920	00
IT	59940	00
CST	59940	00
SGST	59940	00
CEST	59940	00
CBF	5994	00
FSD	179820	00
Pine	1680	00
LR	114766	00
Deduction	542020	00
Net	6530900	00
Payable		

Received Rs.....(in words)..... Contractor's Signature

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands) (For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

P 3726 Zonal Public Works - POW Works

Head of Account.....

Bill Passed for Rs.....7072920/-

Statutory Deductions Rs.....542020/- By Adjustment

Net Amount Paid Rs.....6530900/- By NEFT/RTGS

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Sl. No.		Descriptions		Unit	Previous Qty.
1	✓	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)		Sqm	-
2	✓	Removing and resetting of footpath slab (Data Rate)			
3	✓	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work.		Cum	-
4	✓	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete.		Sqm	-
5	✓	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.		Cum	-
6	✓	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)		Cum	-
7	✓	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200		ton	-
8	✓	Providing and Fixing pre cast covering Slab 100mm thick made out of CC, Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)		Sqm	-
9	✓	Providing and Fixing pre cast covering Slab 230mm thick made out of CC, Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)		Sqm	-
10	✓	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)		Cum	-
11	✓	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3 PWD SR 21-22 Vol III Pg no 15 Item No 3.5)		Sqm	-

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate	Amount	Qty	Cost	
Sqm	-	-	301.65	108.78	32813.00	301.65	32813.00	
Sqm	-	-	342.00	211.27	72254.00	342.00	72254.00	
Cum	-	-	424.35	183.94	78055.00	424.35	78055.00	
Sqm	-	-	129.00	667.06	86051.00	129.00	86051.00	
Cum	-	-	34.38	5492.35	188827.00	34.38	188827.00	
Cum	-	-	69.22	6196.84	428945.00	69.22	428945.00	
ton	-	-	4.54	91146.91	413807.00	4.54	413807.00	
Sqm	-	-	298.77	1862.73	556528.00	298.77	556528.00	
Sqm	-	-	36.96	4528.26	167364.00	36.96	167364.00	
Cum	-	-	155.51	64.28	9996.00	155.51	9996.00	
Sqm	-	-	1309.41	3.96	5185.00	1309.41	5185.00	

12	Construction of Embankment by excavating the available approved Gravel/Murum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour, rolling, water, all materials, usage & all other appurtenances required to complete the work.	Cum
13	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406	Cum
14	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m ² using mechanical means MORTH Specification No. 502	Sqm
15	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	Cum
16	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m ² on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	Sqm
17	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m ² area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015. The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	Sqm
19	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m ³ in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately MORTH Specification No. 202	Cum
20	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed	Cum

-	-	67.50	397.54	26834.00	67.50	26834.00	-
-	-	378.79	2367.43	896759.00 896749.00	378.79	896759.00 896749.00	-
-	-	1646.90	41.53	68396.00	1646.90	68396.00	-
-	-	82.34	9037.56	744153.00	82.34	744153.00	-
-	-	1646.90	13.84	22793.00	1646.90	22793.00	-
-	-	63.22	10493.22	663381.00	63.22	663381.00	-
-	-	66.96	472.69	31651.00	66.96	31651.00	-
-	-	127.98	417.32	53409.00	127.98	53409.00	-
-	-	107.94	4805.07	518659.00	107.94	518659.00	-

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21	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work. (PWD SR 2021-22 Vol -III Pg 138 item no 20.29)	Cum
22	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide). MORTH Specification No. 602.6.3	mtr
23	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide). MORTH Specification No. 602.6.3	mtr
24	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum
25	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	tkm
Sub Total		
Add Applicable GST 18%		
Grand Total		

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

-	-	107.94	6439.72	695103.00	107.94	695103.00	-
-	-	183.60	69.22	12709.00	183.60	12709.00	-
-	-	183.60	163.17	29958.00	183.60	29958.00	-
-	-	707.84	116.69	82598.00	707.84	82598.00	-
-	-	1140.25	94.93	108244.00	1140.25	108244.00	-
				5994653.00		5994653.00	5994653.00
				1079039.00		1079039.00	1079039.00
				7073692.00		7073692.00	7073692.00


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